

CLAIM AMENDMENTS

1. (currently amended) An electrical assembly comprising a transformer and a translucent electrically insulating skin surrounding the transformer, an electrically insulating permanent cover therefor, the transformer being exposed to a translucent part of the cover, to transmit heat generated by the transformer outwardly beyond the cover wherein the skin includes a translucent shell and a translucent layer, wherein the translucent layer displaces air and fills a clearance between the shell and the transformer, and wherein heat generated by the transformer is transmitted outwardly beyond the skin.
2. (currently amended) An assembly as claimed in claim 1 wherein the ~~translucent part of the cover~~ the skin is transparent.
3. (previously presented) An assembly as claimed in claim 1 wherein the transformer comprises a transparent bobbin on which a core for the transformer and transformer windings are provided.
4. (canceled)
5. (canceled)
6. (currently amended) An assembly as claimed in claim ~~[[5]]~~ 1 wherein the shell comprises first and second body halves fitted together to form the shell.

7. (currently amended) An assembly as claimed in claim [[4]] 1 wherein the skin comprises outwardly extending protrusions, to provide a clearance between the skin and a surface on which the assembly is mounted in use.
8. (currently amended) An assembly as claimed in claim 1 wherein the shell ~~cover~~ comprises a plurality of pins for mating with and making electrical contact with a conventional socket arrangement.
9. (currently amended) An assembly as claimed in claim 8 wherein the transformer forms part of power supply circuitry, the power supply circuitry comprising a first output which is accessible through the shell ~~cover~~.
10. (currently amended) An assembly as claimed in claim 9 wherein the power supply circuitry comprises a second output which is in parallel with the first output and also accessible through the shell ~~cover~~.
11. (currently amended) An assembly as claimed in claim 9 wherein the circuitry comprises a fuse and the fuse is provided in a recess in the shell ~~cover~~.
12. (currently amended) An assembly as claimed in claim 11 wherein the shell ~~cover~~ comprises a lid for opening and closing the recess.
13. (currently amended) A method of forming an electric assembly, the method comprising the steps of:

placing a transformer in a translucent shell; and

filling a clearance between the transformer and the shell with a translucent filling material to displace air inside the shell.

~~— providing a transformer;~~

~~— permanently enclosing the transformer in an electrically insulating cover; and~~

~~— exposing the transformer to a translucent part of the cover, which, in use, transmits heat generated by the transformer.~~

14. (currently amended) A method as claimed in claim 13 wherein the ~~transformer is enclosed by~~ locating the transformer in shell is a rigid transparent shell.

15. (currently amended) A method as claimed in claim 14 wherein the transformer is placed located by providing a rigid transparent shell having a shape substantially the same as the general shape of the transformer; mounting the transformer in the shell so that a small clearance is defined between substantially a whole of an outer surface of the transformer and the shell; and filling the clearance with a transparent electrically ~~electricity~~ insulating material.

16. (currently amended) An electrical assembly comprising an electrically insulating, radiated heat transmitting cover encapsulating a transformer, wherein the cover has a shape substantially the same as the transformer, wherein a translucent material fills space between the cover and the transformer, and wherein heat generated by the transformer is transmitted outwardly beyond the cover.

17. (previously presented) The assembly of claim 16 wherein the cover is translucent.

18. (canceled)

19. (currently amended) The assembly of claim [18] 16 wherein the filling translucent material is heat transmitting.

20. (canceled)

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